

St. Timothy Daycare Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of St. Timothy Daycare, 15888 Archdale, Detroit, MI., on May 18th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Demetrius Danforth on April 21st, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 365471 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-KC-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	rtes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.002	1 5/18/2016 07:4	10	5/25/2016

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

James Abston, Operations Manager

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355472 5/27/2016

Customer: G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-KC-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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ANALYTICAL REPORTS

SAMPLE CODE: 355473 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-GBF-02-P

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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1030 Lead	200.8 0.0		alytes - Metals I 0.001	1 5/18/2016 07-4	10	5/25/2016	

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ANALYTICAL REPORTS

SAMPLE CODE: 355474 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-GBF-02-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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1030 Lead	200.8 0.015	Inorga mg/L	nic Analy 0.001	/tes - Metals ND	¹ 5/18/2016 07:4	6	5/25/2016

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355474

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556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355475 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-BF-03-P

Source City: Detroit

Source State:Mi

Date/Time Received:

5/20/2016 14:25

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1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/18/2016 07:4	10	5/25/2016

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G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

St. Timothy, DC-01-BF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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				Detected		Sampled	Prepped	Analyzed
		Inorga	nic Analy	tes - Metals				
1030 Lead	200.8 0.015	mg/L	0.001	ND	1	5/18/2016 07:	40	5/25/2016

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Analyst Tests EC 200.8

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of 1

355476

Lead Only

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date: 2077502 05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

	TSR: EF	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave	40000	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/1%/	16	
Time Sampled: 7:40	Please Use Military Time, e.g. 3:00pm = 15.00	
Check Time Zone: EST	CST MST PSI	
Client Name: St-Ti		
Phone Number: 313	835-4400	
Fax Number:		
PWS ID# (if applicable):	DIA.	State Forms:
Sample ID or Source:	0C-01-KC-01-K	Lab Sample Information:
Source Type: Spring	☐ Well ☐ Municipal ☐ Surface	Date Received: MAY 2 0 2016
Other:		Time Received: 14:25
City & State: Detr	(If Different than Above)	Received By: Sample receipt criteria checked & acceptable.
Sample Collected By	(Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Michal Effects (Please Print)	
Form Completed By:	Michael Etters	
Additional Comments:	Saughed at this Sc	hoot, this is location #1,
First draw	l .	

Quality Water Analysis

1-800-458-3330

General Compliance

2077502 Order Number: Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

	ISK: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	1011 40200	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 16/ 1	<u>6</u>	
Time Sampled: 7:46	Please Use Military Time, e.g. 3.00pm = 15:00	
Check Time Zone. DEST C	1 .	
Client Name: St. Tim	· · · · · · · · · · · · · · · · · · ·	
Phone Number: 313-8	3574460	
Fax Number:		
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Sample ID or Source: DC	-01-KC-01-F	Lab Sample Information:
Source Type: Spring	Well Municipal Surface	Date Received: MAY 2 0 2016
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Form Completed By:	Inchard Exters	
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

355473

Product:

Lead Only

Sample Paid: No

Payment Method:

	TSR: EF	•
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	1011 40200	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 /16 / 16	•	
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Sample Collected By	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
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Form Completed By:	lichal Effecs	
Additional Comments:	sompled at this Sc	hool, this is location to Z,
First draw,		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

355474

Product: Sample Paid: No

Lead Only **Payment Method:**

	TSR: EF	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave		Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/18/	16	
	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: DEST		
Client Name: St. 9	Timothy	
Phone Number: 313	835-4440	
Fax Number:	Socratinos signitus pous executar established soll soll soll somer semulares solutions and non-var-vaccumental	
PWS ID# (if applicable):		State Forms:
Sample ID or Source:	20-01-GBF-02-F	Lab Sample Information: MAY 2 0 2016 Date Received:
Source Type: Spring	☐ Well ☐ Municipal ☐ Surface	Date Received: 4 2 2 3 9
Other:		Time Received: 17:25
City & State: Detvo	(If Different than Above)	Received By: BF
Sample Collected By:	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Trehal Ethus (Please Print)	
Form Completed By:	lichal Etter	
Additional Comments:	Samphed at this S	chool. This is location #7,
Colorel Con	\	

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

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111 355475

Product:

Lead Only

Sample Paid: No

Payment Method:

	ISK: EF	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 48203	Payment \$:
Detroit	WII 40203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 16	erenter	
Time Sampled: 7:46	Please Use Military Time, e.g. 3.00pm = 15.00	
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Phone Number: 313-9	835° - 4440	
Fax Number:		
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Sample ID or Source: DC	-01-BF-03-Y	Lab Sample Information 20 0 2016
Source Type: Spring	Well Municipal Surface	Date Received:
Other:		Time Received: 14:25
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Sample Collected By:	M J D (Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Vichal Etters (Please Print)	
Form Completed By:	Michael BATERS	
Additional Comments:	ampled at this S	chool, this is location # 3,
First drawl	V	

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

	ISK: EF	
Sold To:		For Laboratory Use ONLY
G, S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave	NAL 40000	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 16 / 16	/ Design	
	Please Use Military Time, e.g. 3:00pm = 15:00	
Check Time Zone: DEST C		
Client Name: Station		
Phone Number: 313-8	354-4440	
Fax Number:		
PWS ID# (if applicable):	accouracements of the articles	State Forms:
Sample ID or Source: DC -	01-BF-03-1-	Lab Sample Information:
Source Type: Spring	Well Municipal Surface	Date Received: MAY, 2 0 2016
Other:		Time Received: 14: 25
City & State:	or Tyles (F Different than Above)	Received By: Sample receipt criteria checked & acceptable.
Sample Collected By:	(Signature)	Deviations from acceptable sample receipt criteria noted on PSA form.
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